

ABSTRACT

In a driving force transmission mechanism (3) in a motor type damper device, when a small AC synchronous motor (2) rotates in one direction and a tooth-missing gear part (462) of a tooth-missing gear (46) engages with the first rack part (47) of a rack member (8), the rack member (8) is moved upward to operate a baffle in an open direction and, when the tooth-missing gear part (462) engages with the second rack part (48) of the rack member (8), the rack member (8) is moved downward to operate the baffle in a close direction. In this manner, even when the baffle and the rack member (8) are operated in both directions, the tooth-missing gear (46) is required to be rotated in only one direction and the rotation of the small AC synchronous motor (2) is not required to be reversed. Therefore, the structure of a control circuit for the motor type damper device can be simplified.